

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------|------------------|---------|------------------|
| L1 | 18 | (US-20040134983-\$ or US-20040188399-\$ or US-20050263498-\$ or US-20060151451-\$ or US-20060153439\$). did. or (US-6018860-\$ or US-5304773-\$ or US-5527407-\$ or US-5603796-\$ or US-4304981-\$ or US-5596282-\$ or US-5325582-\$ or US-4343342-\$ or US-6281471-\$ or US-4564737-\$ or US-5226361-\$). did. or (US-3455763-\$ or US-1544262-\$). did. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/26 12:19 |
| L2 | 421 | ("1371501" "1458629" "1544262" "1576156" "1784118" "2139068" "2306211" "2312626" "2625496" "2679277" "2984596" "2985216" "3070227" "3293652" "3325819" "3344900" "3434861" "3450259" "3518335" "3603646" "3622742" "3638704" "3663328" "3761725" "3802559" "3803637" "3898417" "3996516" "4024545" "4044222" "4047996" "4086112" "4112363" "4114018" "4125655" "4198774" "4205769" "4226148" "4256159" "4343342" "4362991" "4372681" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/26 12:19 |

"4382395" | "4392900"
| "4398457"
| "4399345" | "4399675"
| "4469930"
| "4471298" | "4483005"
| "4491494"
| "4504565" | "4536434"
| "4541722"
| "4551729" | "4557019"
| "4628578"
| "4640160" | "4645555"
| "4667403"
| "4680457" | "4684420"
| "4690021"
| "4697485" | "4702163"
| "4709605"
| "4721058" | "4724026"
| "4760237"
| "4769523" | "4776579"
| "4807991"
| "4817477" | "4818933"
| "4839224"
| "4839338" | "4867569"
| "4870354"
| "4890382" | "4906316"
| "4914079"
| "4959898" | "4971858"
| "4977512"
| "4978146" | "4981074"
| "5003254"
| "5005949" | "5045668"
| "5047110"
| "5047714" | "5059764"
| "5066907"
| "5114520" | "5117963"
| "5132510"
| "5133820" | "5134932"
| "5160383"
| "5201137" | "5208437"
| "5220285"
| "5227717" | "5247246"
| "5247250"
| "5264066" | "5265114"
| "5317255"
| "5323106" | "5325052"
| "5347215"
| "5358772" | "5400350"
| "5473624"
| "5475527" | "5539973"
| "5569398"
| "5656186" | "5694408"
| "5745284"
| "5920668" | "5940418"
| "5974060"

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|----|----|--|---|----|----|---------------------|
| | | "5998759" "6151338"). PN. OR ("D122250" "D124204" "D186095" "D207379" "D222216").PN. OR ("1544262" "2004/0134983" "2004/0188399" "2005/0263498" "2006/0151451" "2006/0153439" "3455763" "4304981" "4343342" "4564737" "5226361" "5304773" "5325582" "5527407" "5596282" "5603796" "6018860" "6281471").URPN. | | | | |
| L3 | 3 | 2 and (indicia barcode data information) with tire and laser with (mark \$4 etch\$4 ablat\$4 cut \$4) with (indicia barcode data information) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/26 12:21 |
| L4 | 2 | 3 not 1 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/26 12:21 |
| L5 | 1 | 4 and (physical characteristic) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/26 12:22 |
| S1 | 39 | ("20040134983" "20040159977" "20050205539" "4323755" "4515867" "5061341" "5304773" "5478426" "5523125" "5603796" "6018860" "6076738" "6160835" "6252196" "6253815" "6341009" "6689542" "6726012" "7570443").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/14 12:34 |
| S2 | 32 | S1 and laser | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/14 12:35 |

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| S3 | 20 | S1 and read\$3 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/14 12:37 |
| S4 | 2 | ("6018860" or ("5304773")).PN. | USPAT; USOCR | OR | OFF | 2010/01/14 12:42 |
| S5 | 0 | S4 and xyz | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/14 12:43 |
| S6 | 1 | S4 and x with y with z | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/14 12:43 |
| S7 | 12 | S1 and bar adj code | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/14 14:01 |
| S8 | 3 | "20040134983" | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/14 14:11 |
| S9 | 5 | ("5527407" "6149060" "6173892" "6591966").PN. OR ("2004/0134983" "7093758").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2010/01/14 14:13 |
| S10 | 80 | ("20040134983" "20040165180" "2139068" "2984596" "3434861" "3761725" "3781798" "3930141" "4019627" "4047996" "4086112" "4093694" "4372681" "4491494" "4536434" "4551729" "4625101" "4638756" "4645555" "4680457" "4687942" "4700078" "4724026" "4827395" "4839224" "4839338" "4906316" "4911217" | US_PGPUB; USPAT; USOCR | OR | ON | 2010/01/14 14:13 |

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|-----|-----|--|---------------------------|----|---------------------------|--|
| | | "4914079" "4929820" "4971858" "4978146" "5047110" "5114520" "5133820" "5160383" "5191962" "5264066" "5320874" "5358772" "5518103" "5527407" "5603796" "5700623" "5833788" "5857672" "5996892" "6144033" "6539789"). PN, OR ("5527407" "6149060" "6173892" "6591966" "7295948").URPN. | | | | |
| S11 | 16 | S10 and tire same mark \$4 and tire same read \$4 | US-PGPUB; USPAT; USOCR | OR | ON 2010/01/14 14:14 | |
| S12 | 7 | S11 and laser with mark \$4 | US-PGPUB; USPAT; USOCR | OR | ON 2010/01/14 14:14 | |
| S13 | 130 | (read\$4 inspect\$4) adj2 station same (laser mark \$3 etch\$4 ablat\$4) adj2 station | US-PGPUB; USPAT; USOCR | OR | ON 2010/01/14 14:25 | |
| S14 | 42 | (read\$4 inspect\$4) adj2 station with (reference position information) same (laser mark\$3 etch \$4 ablat\$4) adj2 station | US-PGPUB; USPAT; USOCR | OR | ON 2010/01/14 14:26 | |
| S15 | 21 | (read\$4 inspect\$4) adj2 station with (reference position information) same (laser mark\$3 etch \$4 ablat\$4) adj station | US-PGPUB; USPAT; USOCR | OR | ON 2010/01/14 14:26 | |
| S16 | 17 | (read\$4 inspect\$4) adj station with (reference position information) same (laser mark\$3 etch \$4 ablat\$4) adj station | US-PGPUB; USPAT; USOCR | OR | ON 2010/01/14 14:26 | |
| S17 | 843 | (laser mark\$3 etch\$4 ablat\$4) adj2 station and position\$4 near2 station | US-PGPUB; USPAT; USOCR | OR | ON 2010/01/14 14:36 | |
| S18 | 742 | (laser mark\$3) adj2 station and position\$4 near2 station | US-PGPUB; USPAT; USOCR | OR | ON 2010/01/14 14:36 | |

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| S19 | 19 | laser with mark\$3 adj2 station and position\$4 near2 station | US_PGPUB; USPAT; USOCR | OR | ON | 2010/01/14 14:37 |
| S20 | 8 | laser with mark\$3 adj2 station and position\$4 adj2 station | US_PGPUB; USPAT; USOCR | OR | ON | 2010/01/14 14:37 |
| S21 | 6 | laser with mark\$3 adj station and position\$4 adj2 station | US_PGPUB; USPAT; USOCR | OR | ON | 2010/01/14 14:38 |
| S22 | 0 | laser with mark\$3 adj station and position\$4 adj station | US_PGPUB; USPAT; USOCR | OR | ON | 2010/01/14 14:38 |
| S23 | 3 | laser with mark\$3 adj station and identif\$8 adj2 station | US_PGPUB; USPAT; USOCR | OR | ON | 2010/01/14 14:39 |
| S24 | 0 | read\$3 adj5 reference adj position and marking adj station | US_PGPUB; USPAT; USOCR | OR | ON | 2010/01/14 14:51 |
| S25 | 0 | read\$3 adj5 reference adj position and marking with laser adj2 station | US_PGPUB; USPAT; USOCR | OR | ON | 2010/01/14 14:51 |
| S26 | 0 | read\$3 adj5 reference adj2 position and marking with laser adj2 station | US_PGPUB; USPAT; USOCR | OR | ON | 2010/01/14 14:52 |
| S27 | 0 | inspection near2 station and laser with (mark\$3 etch\$4 ablat\$4 writ\$3) near2 station and (computer nc control\$4) near2 position\$3 with (laser work workpiece article) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 11:13 |
| S28 | 2 | inspection near2 station and laser with (mark\$3 etch\$4 ablat\$4 writ\$3) near2 station and (computer nc control\$4) near5 position\$3 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 11:14 |
| S29 | 3 | ("5603796") or ("5325582") or ("4304981").PN. | USPAT; USOCR | OR | OFF | 2010/01/15 11:35 |

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| S30 | 15 | ("1371501" "1544262" "2625496" "2985216" "4125655" "4256159" "4343342" "4392900" "4504565" "4684420" "5005949"). PN. | US_PGPUB; USPAT; USOCR | OR | ON | 2010/01/15 11:41 |
| S31 | 0 | S29 and (xyz (x with y with z)) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 11:54 |
| S32 | 831 | laser with mark\$4 and laser with (xyz (x with y with z)) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 11:55 |
| S33 | 1 | laser with mark\$4 and laser with (nozzle head) near3 (xyz (x with y with z)) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 11:55 |
| S34 | 55 | laser with mark\$4 and laser with (nozzle head) with (xyz (x with y with z)) not S33 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 11:56 |
| S35 | 23 | laser with marking and laser with (nozzle head) with (xyz (x with y with z)) not S33 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 11:57 |
| S36 | 269 | (cod laser) with camera with reading and laser near5 (mark\$4 cut\$4 etch\$4 ablat\$4 mill\$4) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 12:23 |
| S37 | 162 | ccd same laser and (cod laser) with camera with reading and laser near5 (mark\$4 cut\$4 etch\$4 ablat\$4 mill\$4) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 12:23 |
| S38 | 150 | ccd with laser and (cod laser) with camera with reading and laser near5 (mark\$4 cut\$4 etch\$4 ablat\$4 mill\$4) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 12:24 |

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| S39 | 26 | ccd with laser and (ccd laser) with camera near4 reading and laser near5 (mark\$4 cut\$4 etch\$4 ablat\$4 mill\$4) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 12:24 |
| S40 | 9 | ccd with laser and light with camera near4 reading and laser near5 (mark\$4 cut\$4 etch\$4 ablat\$4 mill\$4) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 12:26 |
| S41 | 21 | laser with mark\$4 same tire and tire with rotat \$4 same laser | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 12:33 |
| S42 | 0 | laser with mark\$4 same tire and camera with (finished product) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 12:41 |
| S43 | 214 | laser with mark\$4 and camera with (finished product) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 12:41 |
| S44 | 35 | laser with mark\$4 same camera with (finished product) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 12:42 |
| S45 | 17 | laser near2 mark\$4 same camera with (finished product) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 12:42 |
| S46 | 0 | alignment adj2 camera with camera with inspect \$4 near3 (finished product) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 12:44 |
| S47 | 72 | alignment adj2 camera with camera with inspect \$4 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 12:44 |
| S48 | 0 | alignment adj2 camera same camera near2 inspect\$4 with (finished product workpiece) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 12:45 |

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| S49 | 0 | alignment adj2 camera same camera near2 inspect\$4 with (finished product workpiece tire) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 12:45 |
| S50 | 0 | alignment near2 camera same camera near2 inspect\$4 with (finished product workpiece tire) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 12:45 |
| S51 | 2 | alignment near4 camera same camera near4 inspect\$4 with (finished product workpiece tire) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 12:45 |
| S52 | 8 | alignment near4 camera and camera near4 inspect\$4 with (finished product workpiece tire) not S51 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 12:46 |
| S53 | 61 | (plural\$4 multiple) adj3 camera and camera near4 inspect\$4 with (finished product workpiece tire) not S51 not S52 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 12:48 |
| S54 | 31 | (plural\$4 multiple) adj3 camera and camera with prior and camera near4 inspect\$4 with (finished product workpiece tire) not S51 not S52 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 12:48 |
| S55 | 30 | (plural\$4 multiple) adj3 camera and camera with prior with inspect \$4 and camera near4 inspect\$4 with (finished product workpiece tire) not S51 not S52 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 12:49 |
| S56 | 28 | (plural\$4 multiple) adj3 camera and camera with prior with inspect \$4 and camera near4 inspect\$4 near2 (finished product workpiece tire) not S51 not S52 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 12:49 |

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| S57 | 1 | S29 and (barcode (bar adj code)) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 13:06 |
| S58 | 1 | (ccd camera) with inspect with single adj (color colour) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 13:10 |
| S59 | 5 | (inspect\$3 monitor\$4) with source near5 single adj (color colour) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 13:11 |
| S60 | 174 | (inspect\$3 monitor\$4) with monochromatic\$4 near2 source | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 13:15 |
| S61 | 9 | (inspect\$3 monitor\$4) with monochromatic\$4 near2 source same (camera ccd) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/15 13:15 |

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